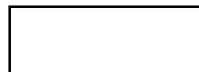


PHOTOGRAPHIC INTERPRETATION REPORT



DEBALTSEVO-PYATIGORSK
MICROWAVE RELAY SEARCH
USSR

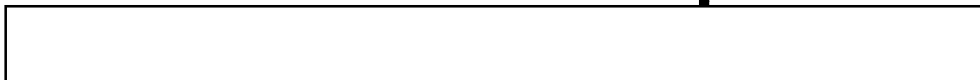


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SEPTEMBER 1969

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4 PAGES

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GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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INSTALLATION OR ACTIVITY NAME Debaltsevo-Pyatigorsk Microwave Relay Search					COUNTRY UR	
UTM COORDINATES NA	GEOGRAPHIC COORDINATES See below	CATEGORY See below	RE NUMBER See below	COMIREX NO. None	NIETB NO. See below	
MAP REFERENCE ACIC. USAF Jet Navigation Chart, Sheet JN-22, 9th ed, Dec 66, scale 1:2,000,000 (UN-CLASSIFIED)						
LATEST IMAGERY USED See below			NEGATION DATE (if required) NA			
REQUIREMENT NSA/SOC/R07-70			NPIC PROJECT <div style="border: 1px solid black; height: 20px; width: 100%;"></div>			

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ABSTRACT

This report locates and describes 11 television/microwave facilities which constitute part of a probable microwave relay line between Donetsk and Pyatigorsk.

INTRODUCTION

Collateral information indicates that a microwave relay line connects Debaltsevo and Pyatigorsk, USSR

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No microwave facility was observed at Debaltsevo. The only electronics facility observed at the Pyatigorsk end of the relay line was a television transmitting tower. This tower did not have any microwave antenna when observed and the small scale of the subsequent photographic coverage prevents the identification of any antenna that may have been added since then. No television/microwave facilities were found in the following search areas: Debaltsevo, Lysogorka, Razdolnoye, Oktyabryskiy, Novoleushkovskaya, Kropotkin, Armavir, Ovechka, and Mineralnyye Vody.

The search areas are covered by photography of fair-to-good interpretability.

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BASIC DESCRIPTION

The following are the only confirmed television/microwave facilities observed in the search area. Tower heights are considered accurate to within plus or minus 20 feet. Photographs of representative installations are shown in Figure 1. A possible television/microwave facility consisting of a tower under construction and a probable control building was observed at Novoshakhtinsk which is located between Rovenki and Novocherkassk.

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2. Krasnyy Luch Microwave Facility
48-09-20N 038-57-40E

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The fenced facility consists of one 145-foot guyed microwave tower and one control building. The type and orientation of the relay elements cannot be determined.

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3. Rovenki Microwave Facility
48-04-21N 039-29-40E

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The fenced facility consists of one 265-foot probably guyed microwave tower and one associated building. Small scale precludes identification of the number, type, and orientation of the relay elements.

4. Novocherkassk Microwave Facility
47-24-55N 040-01-48E

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The fenced facility consists of one 220-foot probably guyed microwave tower and one associated building. Small scale precludes identification of the number, type, and orientation of relay elements.

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6. Krylovskaya Microwave Facility
46-17-10N 039-49-30E

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The fenced facility consists of one 360-foot guyed microwave tower, one control building, and one support building. The type and orientation of the relay elements cannot be determined.

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8. Nevinnomyssk Microwave Facility
44-34-45N 041-58-30E

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This facility consists of a triple guyed 320-foot microwave tower, one 130-foot tower, and one control building. The type and orientation of the relay elements cannot be determined.

9. Cherkessk Microwave Facility
44-15-45N 042-06-20E

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This fenced facility consists of a triple guyed 465-foot microwave tower and one control building. The type and orientation of the relay elements cannot be determined.

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10. Kursavka Microwave Facility

44-26-20N 042-37-15E

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This facility consists of one 260-foot self-supporting lattice microwave tower and one control building. The type and orientation of the relay elements cannot be determined.

11. Pyatigorsk Television Station

44-03-10N 043-04-50E

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This station consists of one self-supporting lattice tower with a television transmitting antenna on top, one control building, and three support buildings. The presence of microwave elements cannot be determined on the current small scale photographic coverage, and no microwave elements are observed on the tower on the most recent large scale photography

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